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_	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
_	09/994,683	11/28/2001	Hideki Iwaki	P64916US1	8158
	JACOBSON HOLMAN PLLC 400 SEVENTH STREET N.W. SUITE 600			EXAM	INER
				ANDUJAR, L	EONARDO
	WASHINGTO	N, DC 20004		ART UNIT	PAPER NUMBER
				2826	
		•		DATE MAILED: 02/26/2003	3

Please find below and/or attached an Office communication concerning this application or proceeding.

<u> </u>	Application No.	Applicant(s)											
	09/994,683	IWAKI ET AL.											
Office Action Summary	Examiner	Art Unit											
•	Leonardo Andújar	2826											
The MAILING DATE of this communication a	appears on the cover sheet with the	correspondence address											
Period for Reply													
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).													
1) Responsive to communication(s) filed on 2	28 November 2001 .												
ab\⊠	This action is non-final.												
2a) This action is FINAL. 3) Since this application is in condition for all closed in accordance with the practice und	prosecution as to the ments is 453 O.G. 213.												
Disposition of Claims 4) Claim(s) 1-11 and 20 is/are pending in the application.													
						4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected.							
7) Claim(s) is/are objected to.													
8) Claim(s) 1-11 and 20 are subject to restriction and/or election requirement. Application Papers													
						9) The specification is objected to by the Examiner. 10) The drawing(s) filed on is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). 11) The proposed drawing correction filed on is: a) approved b) disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. §§ 119 and 120							
13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).													
a) ☐ All b) ☐ Some * c) ☐ None of:													
 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage 3. Certified copies of the priority documents have been received in this National Stage 3. Certified copies of the priority documents have been received in this National Stage 3. Certified copies of the priority documents have been received. 													
					* See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provision								
					14) Acknowledgment is made of a claim for doi						received.		
a) Light The translation of the foreign language 15) Acknowledgment is made of a claim for do	he translation of the foreign language provisional application has been received. wledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.												
Attachment(s)	4) Takaniau Sum	mary (PTO-413) Paper No(s)											
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-94 3) Information Disclosure Statement(s) (PTO-1449) Paper N	48) 5) Notice of Inform	mary (PTO-413) Paper No(3): mal Patent Application (PTO-152)											
Doct of													

Application/Control Number: 09/994,683

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DETAILED ACTION

Election/Restriction

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-11, drawn to a semiconductor device, classified in class 257, subclass 758.
 - II. Claim 20, drawn to a method of manufacturing a semiconductor device, classified in class 438, subclass 118.
- 2. The inventions are distinct, each from the other because of the following reasons: Inventions II and I are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case, unpatentability of the Group I invention would not necessarily imply unpatentability of the Group II invention, because the device of Group I invention could be made by a process materially different from that of the Group II invention. For example, the process of claim 20 can be materially altered by forming the lower interconnect layer, the intermediate connection layer and the lower connection member in a single step and forming the lower insulating layer around the lower connection member and within the lower and intermediate in another step.
- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, the fields

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"Art Unit: 2826

of search are not co-extensive and separate examination would be require, restriction for examination purposes as indicated is proper.

- 4. Applicant is advised that the response to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).
- 5. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a diligently-filed petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(h).
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Leonardo Andújar whose telephone number is (703) 308-0080.

LA

2/22/03

SUPERVISORY AT ENT EXAMINER
TECHNOLOGY CENTER 2800